

**ABSTRACT OF THE DISCLOSURE**

The object of the present invention is to make the most of reception abilities and radio resources of mobile stations 41 to 43, by determining transmission methods of transmitting information based on the reception abilities of the mobile stations 41 to 43 when the base station 40 performs multicast communication. The radio communication system according to the present invention has a reception ability value collector 42b, a transmission method determiner 42c, a transmitter 42a and a radio resource manager 42e. The reception ability value collector 42b collects a reception ability value of mobile stations 41 to 43 belonging to a multicast group A. The transmission method determiner determines a transmission method of transmitting information in accordance with the collected reception ability value. The transmitter 42a transmits the information to the mobile station 41 to 43 using the determined transmission method. The radio resource manager 42e manages available radio resources. The transmission method determiner determines the transmission method in accordance with the reception ability and the available radio resources, so that a mobile station 41 equipped with a predetermined reception ability can receive the information using the determined transmission method.

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Representative Drawing: Figure 8